

ABSTRACT

THE EFFECT OF LEARNING DEMONSTRATION METHOD ON THE LEARNING ACHIEVEMENT IN SMAW PRACTICE AT SMK N SUKAMAJU

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The research purposes are : (1) to know the learning achievement of students in grade XI SMK N Sukamaju on manual arc welding subject of horizontal fillet positions which are taught with the demonstration method, (2) to know the learning achievement of students in grade XI SMK N Sukamaju on manual arc welding subject of horizontal fillet positions which are taught with the lecture method, (3) to know the difference in learning achievement of students in grade XI SMK N Sukamaju manual arc welding subject of horizontal fillet connections which are taught by demonstration method with taught by lecture method.

The research is one of pretest-posttest Control Group DesignS which compare an experiment group and the control group. This research i population of the study was a XI class student of Welding Engineering Department SMK N Sukamaju with 28 students. The data were analyzed with descriptive statistical techniques.

The research product shows: (1) the learning achievement of students in grade XI SMK N Sukamaju on manual arc welding subject of horizontal fillet positions which are taught with the demonstration method (experiment group) obtained the highest score of 87, lowest score of 83, and the mean amounted to 84,21; (2) the learning achievement of students in grade XI SMK N Sukamaju on manual arc welding subject of horizontal fillet positions which were taught with the lecture method (control group) obtained the highest score of 81, lowest score of 77, and the mean amounted to 78,5 ; (3) there were differences in learning achievement of students in grade XI SMK N Sukamaju manual arc welding subject of horizontal fillet connections which were taught by demonstration method with taught by lecture method. The differences shown by mean value of experiment group (84,21) was higher than the mean value of control group (78,5).

Key words: demonstration method effect, learning achievement